**Day 3 Lab Assignments**

1. Implement class Point3D using JavaScript (ES6 syntax).
   1. Add member variables: x,y,z.
   2. Create constructor that takes x,y,z as parameters and make default 0 for each parameter.
   3. Add member function print3DPoint(), that prints the point values in console using this format: “3DPoint: X=0, Y=0,Z=0”.
2. Add new member function: calculateDistance(P2) that takes P2 as a parameter and considers this as the P1.
   1. Use the following equation for calculating the distance: 

**Bonus:**

1. Implement linked list using ES6 OOP [create class node, and Class linkedList, to simulate linked list].
2. Implement Stack and Queue in ES6 OOP.

**<Script>document.write(“Thank YOU”) </Script>**